



Transmission Services

Resale with Negative Consumption

Resale with Negative Consumption
Document for 8/15/2014 NAESB OS
Workshops

Posted August 14, 2014

P&C Capacity - What is available for Preemption and Competition. It is zero on unconditional Reservations. For conditional reservations, it is reduced by Preemption, Redirects, and Transfers. It is not reduced for Resales. For all reservations, it is also reduced by Recalls and Annulments.

Scheduling/Encumbering Capacity – What is used to support tags and to encumber ATC. It is the same for conditional and unconditional reservations. It is reduced by Preemption, Redirects, Resales, and Transfers, as well as Recalls and Annulments.

Safe Date/Time – the point in time when the scheduling capacity is safe from being preempted. That is also the deadline for reconciling losses in the secondary market due to preemption of a conditional parent.

Full Preemption

ATC is 0 MW			Capacity		
Date	Action	TSR	P&C	Sch/Enc	Safe Dt
20-Aug	Conditional Weekly Reservation	Orig 1	100	100	1-Sep

ATC is 0 MW			Capacity		
Date	Action	TSR	P&C	Sch/Enc	Safe Dt
21-Aug	Orig 1 resells 50 MW to Resale 1 and 50 MW to Resale 2	Orig 1	100	0	1-Sep
		Resale 1	0	50	1-Sep
		Resale 2	0	50	1-Sep

ATC is 0 MW			Capacity		
Date	Action	TSR	P&C	Sch/Enc	Safe Dt
22-Aug	Resale 2 resells 25 MW to Resale 3	Orig 1	100	0	1-Sep
		Resale 1	0	50	1-Sep
		Resale 2	0	25	1-Sep
		Resale 3	0	25	1-Sep

ATC is 0 MW			Capacity		
Date	Action	TSR	P&C	Sch/Enc	Safe Dt
23-Aug	NT Challenger Preempts 50 MW from Orig 1. Orig 1 doesn't take action to recall capacity from his Assignees. He will be assessed a penalty for Negative scheduling rights (capacity) and Resales 1, 2, and 3 are OK since they have capacity to support	NT Chal	0	50	NA
		Orig 1	50	-50	1-Sep
		Resale 1	0	50	1-Sep
		Resale 2	0	25	1-Sep

	their tags.	Resale 3	0	25	1-Sep
--	-------------	----------	---	----	-------

ATC is 0 MW		Capacity			
Date	Action	TSR	P&C	Sch/Enc	Safe Dt
24-Aug	Same Scenario, NT Challenger Preempts 50 MW from Orig 1.	NT Chal	0	50	NA
		Orig 1	50	0	1-Sep
	This time Orig 1 wants to become whole, so he must take back 50 MW of what he resold. He decides to take back 25 MW from each of his Assignees.	Resale 1	0	25	1-Sep
		Resale 2	0	0	1-Sep
		Resale 3	0	25	1-Sep

ATC is 0 MW		Capacity			
Date	Action	TSR	P&C	Sch/Enc	Safe Dt
24-Aug	Assume Resale 2 has already scheduled against the 25 MW he had. To avoid a Overuse charge, he must either withdraw his tags or take back the 25 MW he resold to Resale 3. He does the latter. If Resale 3 has already scheduled against the 25 MW, he must withdraw the tags or face an Overuse Charge.	NT Chal	0	50	NA
		Orig 1	50	0	1-Sep
		Resale 1	0	25	1-Sep
		Resale 2	0	25	1-Sep
		Resale 3	0	0	1-Sep

Partial Preemption

ATC is 0 MW		Capacity			
Date	Action	TSR	P&C	Sch/Enc	Safe Dt
20-Aug	Same Conditional Weekly Reservation	Orig 1	100	100	24-Aug

ATC is 0 MW		Capacity			
Date	Action	TSR	P&C	Sch/Enc	Safe Dt
21-Aug	Orig 1 resells 25 MW to Resale 1 and 25 MW to Resale 2	Orig 1	100	50	24-Aug
		Resale 1	0	25	24-Aug
		Resale 2	0	25	24-Aug

ATC is 0 MW		Capacity			
Date	Action	TSR	P&C	Sch/Enc	Safe Dt
22-Aug	Resale 2 resells 15 MW to Resale 3	Orig 1	100	50	24-Aug
		Resale 1	0	25	24-Aug

22-Aug	Resale 2 Resells 10 MW to Resale 3	Resale 2	0	10	24-Aug
		Resale 3	0	15	24-Aug

ATC is 0 MW			Capacity		
Date	Action	TSR	P&C	Sch/Enc	Safe Dt
23-Aug	NT Challenger Preempts 50 MW from Orig 1. Orig 1 decides to accept the loss rather than passing it on to his Assignees, so the Assignees are not impacted.	NT Chal	0	50	NA
		Orig 1	50	0	24-Aug
		Resale 1	0	25	24-Aug
		Resale 2	0	10	24-Aug
		Resale 3	0	15	24-Aug

ATC is 0 MW			Capacity		
Date	Action	TSR	P&C	Sch/Enc	Safe Dt
23-Aug	Same Scenario, NT Challenger Preempts 50 MW from Orig 1. This time, Orig 1 decides to accept 25 MW of the loss and pass 25 MW down to Resale 2. Resale 2 doesn't take action before Resale 3 becomes safe, so he is penalized for not taking action and Resale 3 is OK since it still has capacity to support his tags.	NT Chal	0	50	NA
		Orig 1	50	25	24-Aug
		Resale 1	0	25	24-Aug
		Resale 2	0	-15	24-Aug
		Resale 3	0	15	24-Aug

Serial Aggregation

ATC is 0 MW			Capacity		
Date	Action	TSR	P&C	Sch/Enc	Safe Dt
21-Aug	Three Weekly originals, each for one week, one following the other, the first is unconditional and the next two are still conditional, want to combine part of each reservation into a single three week resale.	Orig 1 Week 1	0	50	18-Aug
		Orig 2 Week 2	50	50	25-Aug
		Orig 3 Week 3	50	50	1-Sep

ATC is 0 MW			Capacity		
Date	Action	TSR	P&C	Sch/Enc	Safe Dt
22-Aug	Orig 1 sells 25 MW to Resale 1. Orig 2 sells 25 MW to Resale 2. Orig 3 sells 25 MW to Resale 3	Orig 1 Week 1	0	25	18-Aug
		Resale 1 Week 1	0	25	18-Aug
		Orig 2 Week 2	50	25	25-Aug

22-Aug Orig 3 sells 25 MW to Resale 3.
The Safe Date/Time of the parents pass down to the Resales.

Resale 2 Week 2	0	25	25-Aug
Orig 3 Week 3	50	25	1-Sep
Resale 3 Week 3	0	25	1-Sep

ATC is 0 MW

Date	Action	TSR	Capacity		Safe Dt
			P&C	Sch/Enc	
22-Aug	Resale 1, Resale 2, and Resale 3 are aggregated into Agg 1. Agg 1 has the Safe Date/Time of the latest reservation being aggregated.	Orig 1 Week 1	0	25	18-Aug
		Resale 1 Week 1	0	0	18-Aug
		Orig 2 Week 2	50	25	25-Aug
		Resale 2 Week 2	0	0	25-Aug
		Orig 3 Week 3	50	25	1-Sep
		Resale 3 Week 3	0	0	1-Sep
		Agg 1	0	25-25-25	1-Sep

Motion 113 says that this aggregation and any resales from it cannot be redirected in whole or in part until the Safe Date/Time of the Aggregation, in this case Sep 1st.

ATC is 0 MW

Date	Action	TSR	Capacity		Safe Dt
			P&C	Sch/Enc	
22-Aug	Agg 1 resells 10 MW from week 1 to Resale 4, 15 MW from Week 2 to Resale 5, and 20 MW from week 3 to Resale 6. Even though Resale 4 has inherited the Safe Date/Time of the Agg 1, it is really safe because of the days included in it came from an unconditional parent. That parent can't be competed, so those days are safe.	Orig 1 Week 1	0	25	18-Aug
		Resale 1 Week 1	0	0	18-Aug
		Orig 2 Week 2	50	25	25-Aug
		Resale 2 Week 2	0	0	25-Aug
		Orig 3 Week 3	50	25	1-Sep
		Resale 3 Week 3	0	0	1-Sep
		Agg 1	0	15-10-5	1-Sep
		Resale 4 Week 1	0	10	1-Sep
		Resale 5 Week 2	0	15	1-Sep

Resale 6 Week 3	0	20	1-Sep
--------------------	---	----	-------

ATC is 0 MW			Capacity		
Date	Action	TSR	P&C	Sch/Enc	Safe Dt
		NT Chal	0	40	NA
22-Aug	Orig 3 is preempted for 40 MW driving its scheduling capacity to negative 15. If it doesn't take action, it will be penalized.	Orig 1 Week 1	0	25	18-Aug
		Resale 1 Week 1	0	0	18-Aug
		Orig 2 Week 2	50	25	25-Aug
		Resale 2 Week 2	0	0	25-Aug
		Orig 3 Week 3	10	-15	1-Sep
		Resale 3 Week 3	0	0	1-Sep
		Agg 1	0	15-10-5	1-Sep
		Resale 4 Week 1	0	10	1-Sep
		Resale 5 Week 2	0	15	1-Sep
		Resale 6 Week 3	0	20	1-Sep

ATC is 0 MW			Capacity		
Date	Action	TSR	P&C	Sch/Enc	Safe Dt
		NT Chal	0	40	NA
22-Aug	Orig 3 Recalls the 15 MW needed from Resale 3 leaving Resale 3 with a negative 15. If it doesn't take action, it will be penalized.	Orig 1 Week 1	0	25	18-Aug
		Resale 1 Week 1	0	0	18-Aug
		Orig 2 Week 2	50	25	25-Aug
		Resale 2 Week 2	0	0	25-Aug
		Orig 3 Week 3	10	0	1-Sep
		Resale 3 Week 3	0	-15	1-Sep
		Agg 1	0	15-10-5	1-Sep

		Resale 4 Week 1	0	10	1-Sep
		Resale 5 Week 2	0	15	1-Sep
		Resale 6 Week 3	0	20	1-Sep

ATC is 0 MW			Capacity		
Date	Action	TSR	P&C	Sch/Enc	Safe Dt
		NT Chal	0	40	NA
22-Aug	Resale 3 recalls the 15 MW needed from Week 3 of Agg1, leaving Agg1 with a Negative 10 in Week 3. If it doesn't take action, it will be penalized.	Orig 1 Week 1	0	25	18-Aug
		Resale 1 Week 1	0	0	18-Aug
		Orig 2 Week 2	50	25	25-Aug
		Resale 2 Week 2	0	0	25-Aug
		Orig 3 Week 3	10	0	1-Sep
		Resale 3 Week 3	0	0	1-Sep
		Agg 1	0	15-10--10	1-Sep
		Resale 4 Week 1	0	10	1-Sep
		Resale 5 Week 2	0	15	1-Sep
		Resale 6 Week 3	0	20	1-Sep

ATC is 0 MW			Capacity		
Date	Action	TSR	P&C	Sch/Enc	Safe Dt
		NT Chal	0	40	NA
22-Aug	Agg 1 recalls 10 MW from Resale 6	Orig 1 Week 1	0	25	18-Aug
		Resale 1 Week 1	0	0	18-Aug
		Orig 2 Week 2	50	25	25-Aug
		Resale 2 Week 2	0	0	25-Aug
		Orig 3 Week 3	10	0	1-Sep

22-Aug	Agg 1 recalls 10 MW from Resale 0
--------	-----------------------------------

Resale 3 Week 3	0	0	1-Sep
Agg 1	0	15-10-0	1-Sep
Resale 4 Week 1	0	10	1-Sep
Resale 5 Week 2	0	15	1-Sep
Resale 6 Week 3	0	10	1-Sep